



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

**\*BIBDATASHEET\***

Bib Data Sheet

CONFIRMATION NO. 7223

SERIAL NUMBER 09/622,523	FILING DATE 12/07/2000	CLASS 375	GROUP ART UNIT 2631	ATTORNEY DOCKET NO. S1022 /8518
RULE				

## APPLICANTS

Mikael Isaksson, Lulea, SWEDEN;

Daniel Bengtsson, Lulea, SWEDEN;

Frank Sjöberg, Lulea, SWEDEN; Per Odling, Lahasund, SWEDEN;

Rickard Nilsson, Lulea, SWEDEN;

Gunnar Bahlenberg, Lulea, SWEDEN;

Magnus Johansson, Lulea, SWEDEN;

Lennart Olsson, Lulea, SWEDEN;

Goran Okvist, Lulea, SWEDEN;

\*\* CONTINUING DATA ..... *yes* ..... *no*

This application is a 371 of PCT/SE99/00210 02/17/1999

\*\* FOREIGN APPLICATIONS ..... *yes* ..... *no*

SWEDEN 9800539-0 02/21/1998

SWEDEN 9801150-5 04/01/1998

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 02/03/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY SWEDEN	SHEETS DRAWING 9	TOTAL CLAIMS 46	INDEPENDENT CLAIMS 2
Verified and Acknowledged	Examiner's Signature <i>polina</i>	Initials			

ADDRESS *#23628*  
James H. Morris  
Wolf Greenfield & Sacks  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA  
02210-2211

TITLE  
IMPROVEMENTS IN, OR RELATING TO, VDSL

☐ All Fees  
☐ 1.16 Fees ( Filing )